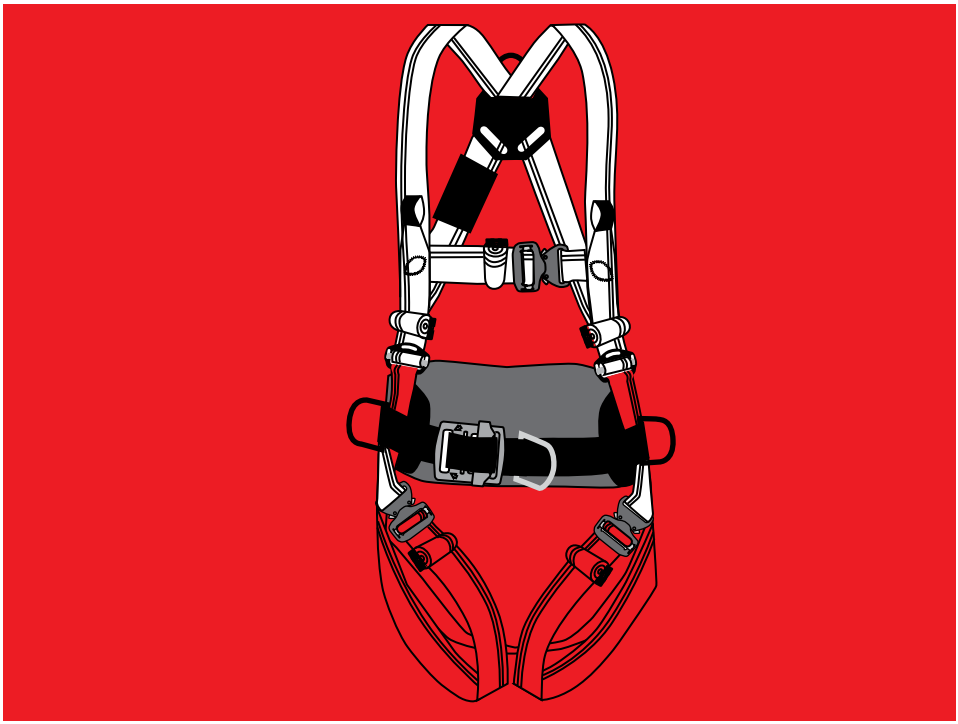
EN

BORNACK



STRIPE COMFORT

User manual

CE **0123** EN 361:2002, EN 358:2000

BORNACK

STRIPE COMFORT, STRIPE COMFORT CLICK , STRIPE COMFORT CLICK LIGHT arresting / rescue harness

Subject to technical changes

BRIEF DESCRIPTION

INTENDED USE

The arrester harnesses of the STRIPE COMFORT series serve exclusively to protect the wearer
- from falling in fall hazard areas, e.g. ladders, scaffolding, roofs, platforms
- in hazard zones when abseiling or rappelling
- application temperature: -20 °C to +80 °C
- STRIPE COMFORT CLICK (VA): suitable for seawater areas and similar.
- STRIPE COMFORT CLICK LIGHT (alu): not suitable in explosive areas!

Recommended connecting equipment
- Arrester device in compliance with EN 353-2 or EN 353-1
- Energy-absorber connecting equipment in compliance with EN 354 or EN 355
- Height securing device in compliance with EN 360

All other uses are deemed improper. The company BORNACK will not be liable for any ensuing damages. The user bears the sole risk.

USE

- Arresting
- Restraining on the fall edge
- Rescuing (active and passive)
- Climbing in vertical fall-arrest-system EN 353-1
- Positioning

FEATURES

- Rear arresting D-ring
- Front arresting loops
- Side positioning D-rings
- Ventral attachment D-ring
- Very strong polyester strap
- Force-flow optimised CNC-seam patterns
- CLICK BUCKLE EASY GLIDE made of steel for size adjustment of the shoulder harnesses
- Harness fasteners with length adjustment of the leg straps and chest harnesses
  STRIPE COMFORT:
  Back-loading fasteners made of steel
  STRIPE COMFORT CLICK :
  CLICK fasteners made of stainless steel
  STRIPE COMFORT CLICK LIGHT:
  CLICK fasteners made of aluminium
- Strap end storage
- Comfort padding on hip
- Universal size (XS - XL)
- Equipment bag for storage and transport

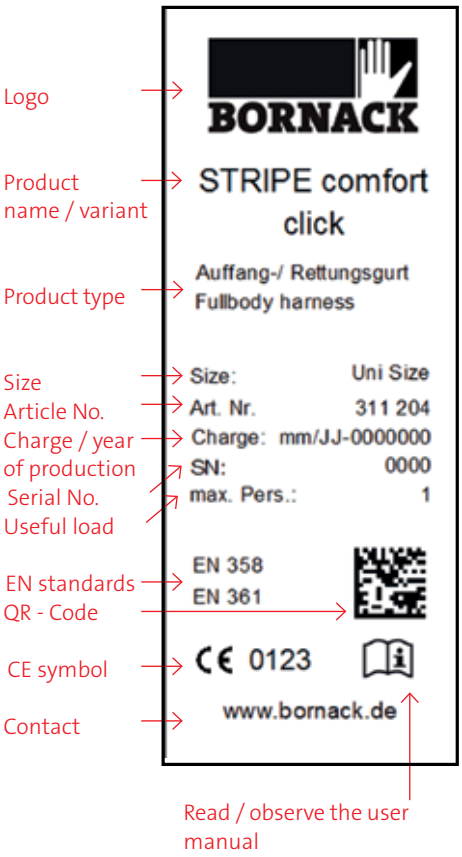
ACCESSORIES

- Special karabiner HEART LIGHT

BRIEF DESCRIPTION

PRODUCT IDENTIFICATION

The following is attached to the product:



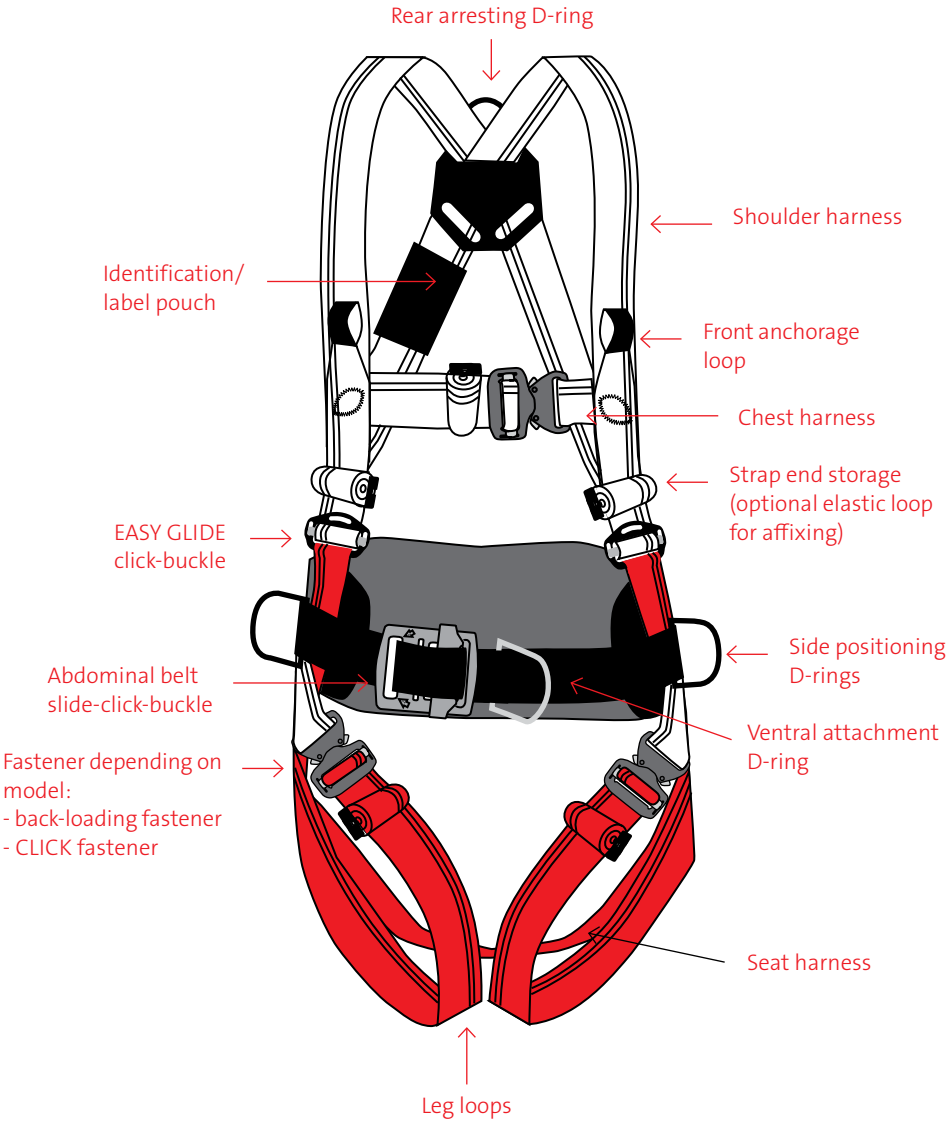
USEFUL LOAD

The maximum number of users is 1 person.

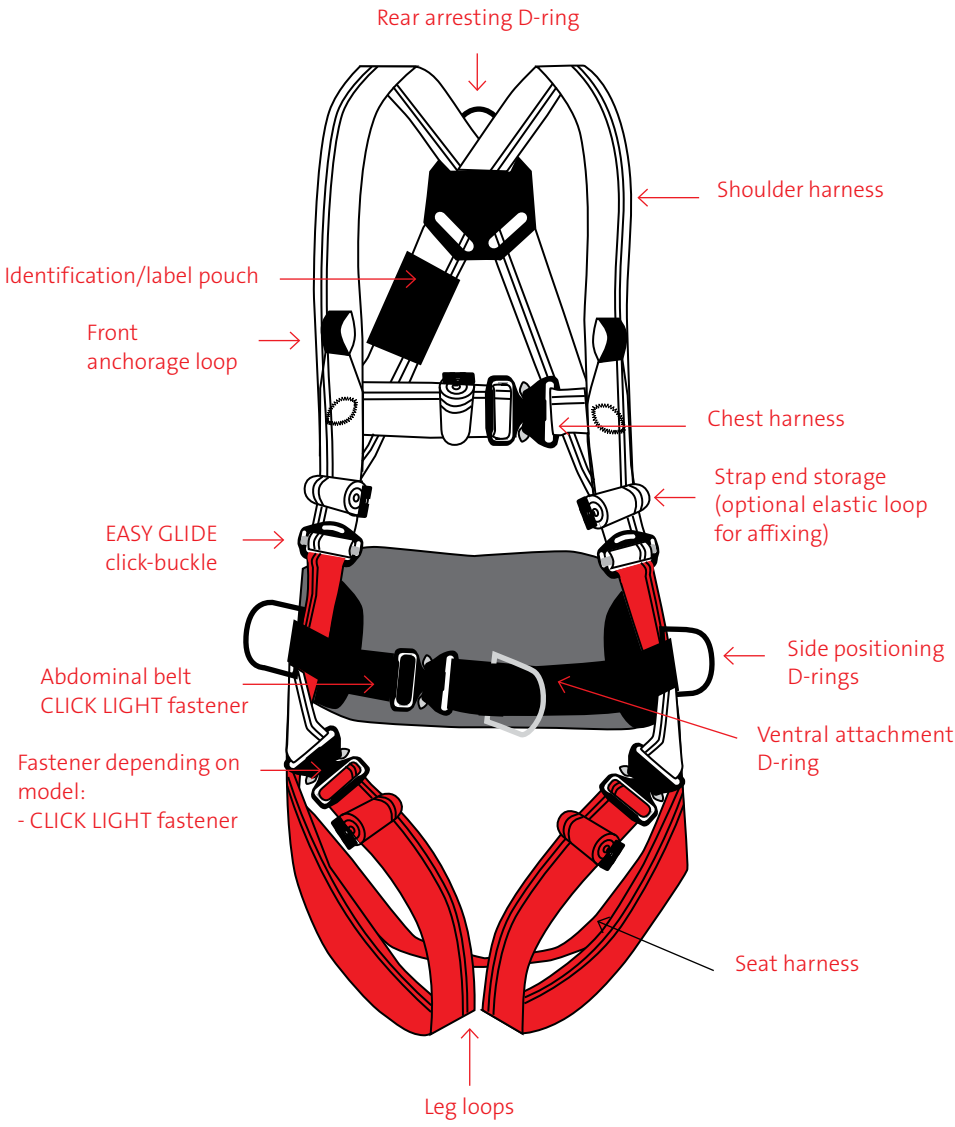
The arrester harnesses of the STRIPE COMFORT series were tested and certified for application cases in which the energy-absorbing connecting equipment (e.g. in compliance with EN 354 and EN 355) directs a maximum impact force of 6 kN into the arresting D-rings and arresting loops.

If users weigh more than the standard defined 100 kg, the physiological suitability must be explicitly verified. Connecting equipment suitable for the weight of the user must be used that, despite the weight of the user, does not exceed an impact force of 6 kN.
If this is guaranteed and the securing chain is not overloaded, the STRIPE harness may be used by users weighing over 100 kg.

STRIPE COMFORT, STRIPE COMFORT CLICK



STRIPE COMFORT CLICK LIGHT



SAFETY INSTRUCTIONS

There is a risk to life if these safety instructions are not observed!

- The personal protection equipment may no longer be used even in the case of very minor faults.
- Damaged, fall-stressed, dubious personal protection equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert or a workshop authorised in writing by BORNACK. This must be documented in the test card.
- The rope protection (arrester harness) is part of the personal protection equipment to prevent falling and should be assigned to a specific person.
- The personal protection equipment may only be used by qualified staff that are familiar with the material. They must be proficient in handling the personal protection equipment and must have been briefed about the possible risks associated with its use.
- In accordance with the accident prevention guidelines (UVV), the users of fall protection equipment (Category 3) must attend a theoretical training course and a practical training course. Make use of the training competence of the BORNACK training centres: hotline@bornack.de
- Accessories from other manufacturers may only be used if approved by BORNACK and may not impair the function and safety of the protection equipment.
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use the equipment if you are fully fit. Health impairments can jeopardise the safety of the user when working at heights or depths.
- Protect personal protection equipment during storing, use and transportation against the effects of heat (e.g. welding flames or sparks, burning cigarettes) and chemicals (e.g. acids, alkalis, oils) and mechanical effects (e.g. sharp edges).
- Before starting work, the responsible person must draw up a plan of rescue measures that defines how to rescue casualties quickly and safely and ensures first aid measures. Casualties must be rescued within 10 to 30 minutes.
- BORNACK can help you draw up tailor-made rescue plans in specific training courses: hotline@bornack.de
- The local safety guidelines (e.g. in Germany the guidelines issued by the professional associations BGR 198 and BGR 199) and the accident prevention guidelines for the specific industry (UVV) must be observed.

INFORMATION BEFORE USE

Always check every time before using!

- If during the inspection even the slightest of faults is detected, this protection equipment may not be used! Faulty protection equipment components may only be tested and repaired in a workshop authorised by the company BORNACK.

The compatibility and use of the ventral attachment D-ring must be checked against the user manual for the arrester device on a fixed guide that is to be used. For more information, please see page 9.

VISUAL INSPECTION

Check that the equipment is undamaged and complete:

- Are all seams complete and undamaged?
- Can you see or feel any damage in the textile components?
- Are there any signs of damage to the fittings, D-rings, buckles, karabiners? Are they bent?
- Is the product identification legible?
- Was the last expert inspection less than 1 year ago?

FUNCTION TEST

- Do the fasteners run smoothly?
- Is the karabiner fastener and its lock functional?

STRIPE COMFORT IN USE

PREPARATION

A Lift the arrester harness on the rear arresting D-ring. All harness fasteners need to be open. Harness must hang freely and may not be twisted.

B Put on the arrester harness like a jacket: Arms through the shoulder harness. Close the chest harness.

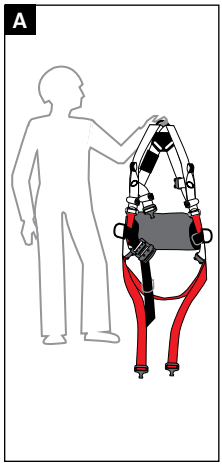
CAUTION:
If the front arresting loops are used, both loops must be placed jointly on the karabiner in compliance with EN 362.

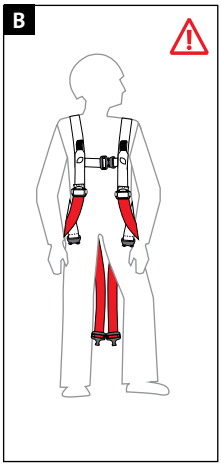
C Close the abdominal belt.
Please observe the instructions about closing the abdominal belt depending on belt variant on page 10/11.

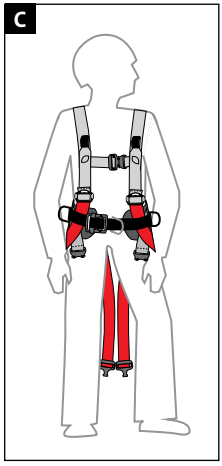
D Adjust the shoulder harnesses.
Adjust the harness to the body so that the seat harness is positioned below your bottom.

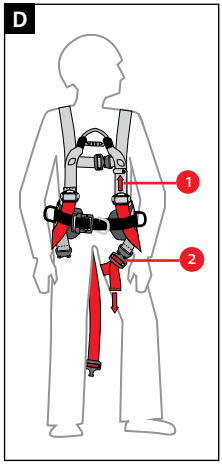
Close the leg loops.
Pull the leg loops individually between your legs and then close. Tighten the harness so that you can place one hand between the strap and your leg.

Check the fit of the arrester harness.
The shoulder harness and leg straps should be flush to the body but not too tight.
The shoulder harness straps should be set to the same length. The rear arresting D-ring must sit centrally between your shoulder blades. If necessary, suspend yourself in the arrester harness to test. If necessary readjust the harness fitting.









STRIPE COMFORT IN USE

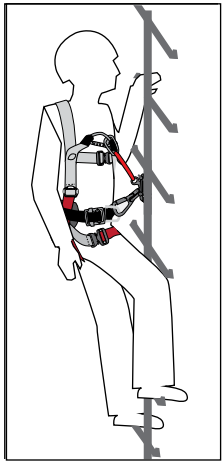
Roll up the excess strap end using the strap end storage feature and secure.

CAUTION Observe roll-up direction!
A strap end that is rolled up incorrectly will restrict the clamp effect of the click-buckle!

CLIMBING WITH VERTICAL FALL-ARREST EQUIPMENT

Application with sliding arrester devices on a fixed guide (EN 353-1)
The two combined front arresting loops must be used as the primary attachment type for sliding arrester devices in compliance with EN 361. If other vertical fall-arrest runners than the RS-S05 or RS-H05 that have been approved by BORNACK are used, the user must carry out a risk assessment / compatibility check for the use of the ventral attachment D-ring (tested in compliance with EN 813 section 5.3 and section 5.4)

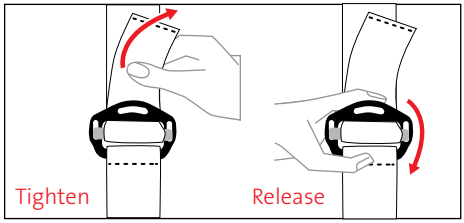
Use with sliding arrester devices on mobile guide (EN 353-2)
Sliding arrester devices on mobile guides must be attached on the two combined front arresting loops or the reararresting D-ring.
When instructing users, special attention should be drawn to the potentially fatal risks of foreseeable wrong operation (e.g. sliding down ladders by manipulating the sliding arrester device including the fixed guide „ladder surfing"/ negligent adornment of the harness). Special official, local and statutory information and any instructions issued by the accident insurance institutions should also be observed. The ventral attachment D-ring may not be used with rescue or rescue lifting equipment in compliance with EN 341/ EN 1496, rope adjustment devices in compliance with EN12841, fall arresters in compliance with EN 355/354 and sliding arrester devices including mobile guides EN 353-2.



e.g. RS-S05

FASTENERS IN USE

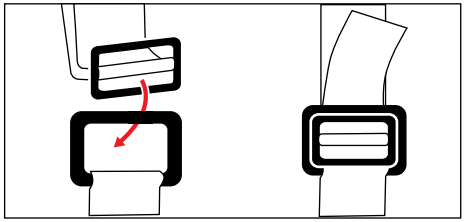
CLICK-BUCKLE EASY GLIDE



This buckle only serves to adjust the length of the straps.

- Tilt the buckle
- Pull the open strap to tighten until the required position is reached.
- To release/loosen the buckle, tilt and then pull it. When the buckle is let go, the strap position is maintained.

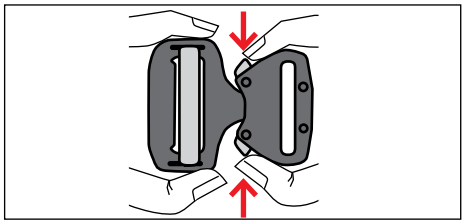
BACK-LOADING FASTENER



The fastener serves to close and adjust the leg straps.

- Insert the backloading frame diagonally and longitudinally through the large frame. Ensure that the strap end is at the top.
- Slightly tilt the frame of the buckle.
- Pull the respective strap until the required position is reached. When the strap is let go, the position is maintained.

CLICK FASTENER / CLICK LIGHT FASTENER



This fastener serves to close and adjust the leg straps or the abdominal belt.

- Using your thumbs and index fingers on both hands, slightly squeeze the buckle and exert pressure on the lock wings.
  If the CLICK fastener is taut, it cannot be opened.
- To tighten, pull on the loose strap until the required position is reached.
- To release the setting, slightly tilt the buckle and pull on the strap.

FASTENERS & STRAP END STORAGE IN USE

SLIDE-CLICK BUCKLE

This fastener serves to adjust the abdominal belts of the STRIPE COMFORT CLICK LIGHT:

E Thread the strap end of the abdominal belt through the rectangular frame on the left end of the padding.
Feed through the ventral attachment D-ring back to the buckle.

F Open the click-slide with your thumb and index finger. Feed the abdominal belt strap through the back of the click mechanism (arrow marking 1 on the buckle.)
Release the click-slide. To adjust, pull on the loose strap end into the required position.
Then feed the strap through opening 2 (see arrow marking).
To release the buckle, tilt it by 180° and pull the click-slide with your thumb and index finder from behind.

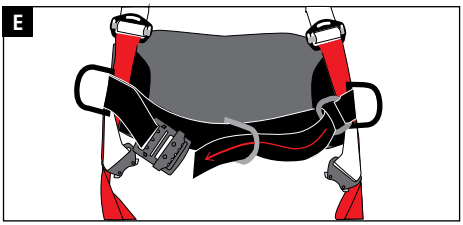
STRAP END STORAGE

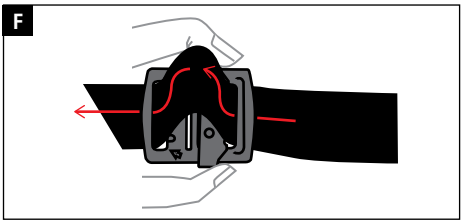
The strap end storage device serves secure storage of the free strap ends.

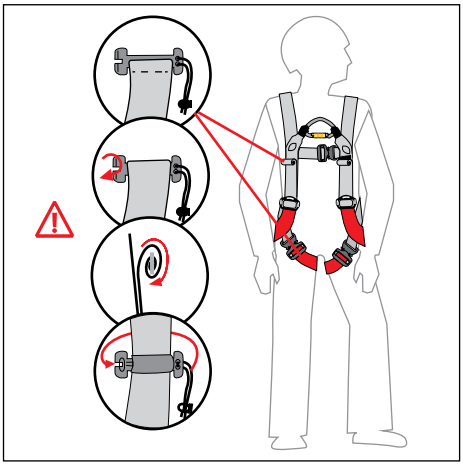
- Wind the strap outwards around the storage clip until approx. 1 cm from the strap fastener or the buckle.

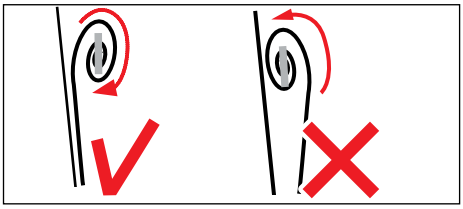
- Guide the elastic band behind the adjusted strap and place the plastic stopper into the groove.

CAUTION Observe roll-up direction!
A strap end that is rolled up incorrectly will restrict the clamp effect of the click-buckle!









GENERAL INFORMATION

APPROVAL

Conformity with the EC Directive 89/686/EEC „Personal protective equipment“

Type testing and production monitoring by:

TÜV Süd, Product Service GmbH
Ridlerstr. 65, 80339 Munich
CE 0123

Quality management system certified to DIN EN ISO 9001

Production monitoring by notified body Category III

REGULAR INSPECTIONS

This personal protection equipment must be inspected at least once a year by an expert.
The result must be documented in the test card at the end of this user manual.

SALES

The dealer must ensure that the user manual is supplied in the applicable national language. The respective translation must be authorised by BORNACK.

SERVICE

If you have any questions about safe use of this personal protection equipment or any other services provided by BORNACK, please contact: hotline@bornack.de

We will be happy to help:
- Expert inspections
- Risk analysis
- Rescue plans
- Training courses

MAINTENANCE

Keep mobile parts (e.g. on karabiners, click-fasteners and other devices) clean.
If necessary carefully oil joints with (resin-free) sewing machine oil.
Maintenance may only be performed by trained specialists. The instructions in this user manual and any instructions in the maintenance manual must be strictly observed.
Protective equipment that is well looked after will last longer!

CLEANING

Dry damp personal protection equipment in the air, not on artificial heat sources. Dry metal components with cloths.
Clean soiled textile components (e.g. arrester harnesses and ropes) with lukewarm water and a little detergent for delicates. Then rinse thoroughly and allow to dry in the air. No other cleaning agents may be used!
For information about disinfection, please contact the email hotline: hotline@bornack.de
If the personal protection equipment comes into contact with saltwater, keep it wet until it can be rinsed with distilled water.

GENERAL INFORMATION

LIFE SPAN

Recommendations for the use of personal protection equipment in industrial environments:

Maximum storage period before using for the first time
Harnesses: up to 3 years

(In optimum storage conditions e.g. protected from light, dry, normal climate)

Maximum usage period after being used for the first time
Harnesses: up to 10 years

Regular or intensive use and/or in extreme conditions, e.g. sharp edges and chemical influences, will reduce the usage period. The company owner must ensure and take this into account in the risk analysis of the workplace.

The company owner must ensure compliance with the maximum usage period by documenting first-time use in the test card or the rope log.

For more information, please see the BORNACK brochure „Life-span of textile personal protection equipment components“ at www.bornack.de.

REPAIRS

Only the manufacturer may carry out repairs.

STORAGE

Dry damp personal protection equipment before storing.
Store away from light in a dry place.
Do not store personal protection equipment close to radiators.
Permanent temperatures of over +50 °C have a negative impact on the strength of the textile material and will reduce the life-span.
Do not allow personal protection equipment to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals).
Store the personal protection equipment in the device case or strap bag.

TRANSPORT

Transport the personal protection equipment protected in a device case or strap bag.

TEST CARD

FOR ANNUAL MONITORING

The test card must be completed in full by the expert during the annual inspection.

This test card does not claim to cover all test criteria and does not relieve the expert from his decision about the overall condition.

Manufacturer:
BORNACK GmbH & Co.KG
info@bornack.de
www.bornack.de

Type Product name: _____

Manufactured on: _____

Serial no.: _____

Purchase date: _____

Date of first use: _____

Life span at the latest: _____

Application range: _____

	Date	Signature	Next inspection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				
Year 9				
Year 10				

EN

TEST CARD

FOR ANNUAL MONITORING

Please complete: × √

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Strap undamaged?										
Seams undamaged?										
Strap ends secured/sewn down?										
Fixture parts complete and undamaged?										
No deformation of metal parts?										
Plastic parts complete and undamaged?										
CLICK-BUCKLE EASY GLIDE not deformed and smooth running?										
Harness fasteners CLICK not deformed/soiled/functional?										
Karabiners in place and not damaged/functional?										
User manual available?										
Product identification legible?										
Other:										
OK										
Blocked										

BORNACK

EU DECLARATION OF CONFORMITY

CE Conformity Declaration

BORNACK

The manufacturer or his authorised representative located in the EU

BORNACK GmbH & Co KG
Bustadt 39
D-74360 Ilsfeld / Germany

Hereby declares that the following designated, personal protective equipment

Safety harness

BORNACK STRIPE

In the following versions
without anchor grommets EN 358/ EN 813
STRIPE BASIC
STRIPE BASIC CLICK
STRIPE BASIC CLICK LIGHT
with anchor grommets EN 358/ EN 813 and hip pad
STRIPE COMFORT
STRIPE COMFORT CLICK
STRIPE COMFORT CLICK LIGHT

meets the requirements of the EC Directive 89/686 EEC and, if applicable, the **Norm EN 361, EN 358, EN 813** which has been harmonised into national law (according to Article 8.4. The personal protective equipment)

- is identical to the PPE which is the subject of the
  CE model certification
  No. P5 12 03 40506 094

- issued by
  TÜV Product Service GmbH
  Zertifizierungsstelle **CE 0123**
  Ridlerstr. 65
  D-80339 Munich, Germany

- is subject to the manufacturing monitoring according to Art. 11, Point B of the EC Directive 89/686 EEC, monitored by the notified testing institute
  TÜV Produkt Service GmbH
  Ridlerstr. 65
  D-80339 Munich, Germany

10 July 2012

BORNACK GmbH & Co KG

Klaus Bornack
Management

Notes:

Notes:

Notes:

FALLSTOP
Equipment for securing and
rescue at heights and depths

SAFEPOINT
Stationary securing systems
for architecture and industry

BORNACK GmbH & Co.KG
Bustadt 39
74360 Ilsfeld
Germany

Fon + 49 (0) 70 62 / 26 90 0-0
Fax + 49 (0) 70 62 / 26 90 0-550
info@bornack.de
www.bornack.de

BORNACK Switzerland
Oholten 7
5703 Seon, AG
Switzerland

Fon + 41 (0) 62 / 886 30 40
Fax + 41 (0) 62 / 886 30 41
info@bornack.ch
www.bornack.ch

© BORNACK – Subject to technical changes
Reprinting or duplication, even excerpts are only permitted with written consent
Status: 10/2013 GAL No. 000 012 ebo